

Jack the ripper

We discovered a video on Marie José's computer. In the video she said :

*"Diary of Miss Koch
14th of August*

It's approximately 9pm

Darren, my friend,

As I told you, I am working on a big project for my highschool. I'm a volunteer. The head of the school asked me to do some research about Notre Dame de la Paix.

The origins of the school, which go back a long time ago. I have been working a lot during the holidays.

I got permission to go to the archives' room and i got a lot of documents. A lot!

And, after weeks, I discovered something really weird. I'm pretty sure that...

I'm pretty sure that I discovered the identity of Jack the Ripper. I know it may sound crazy but I think I know."

This is historical fiction from the high school Notre Dame de la Paix, Place du Concert, Lille.

The suspects

In Marie José's folder we found a paper on which there was a list .That list presents her potential suspects. On the paper it's written :

"I'm just about to find Jack is!!!

Here is the list of my suspects...

You've got to find the answer to each riddle to determine their names..."

Then we had to solve several riddles to find the names of the suspects.

We found the names of 14 suspects :

Lionel E.A Sargant, Kate Sargant, Prince Albert Victor, Paul Lafargue, Bracke Desrousseaux, Aaron Kosminski, William Gull, Walter Sickert, Raphael Duflos, Louis Pasteur, Charles Violette, Pharaon de Winter, Alfred Mongy.

For example we had to solve this riddle :

-For the first and second letter : I'm in your kitchen pantry, waiting to wrap up some leftovers : AL

-For the third letter : I'm the symbol of the 1st halogen : F

-For the fourth and fifth letter : The mass of my nucleus is about 2.8×10^{-25} kg. Inverse the order of my letters : RE

-For the sixth letter : I'm the 1st letter of the element whose nucleus has a charge equal to 1.68×10^{-17} C : D

-For the seventh and eighth letter : I'm the symbol of the element whose electronic cloud has a charge equal to $-42e$: MO

-For the ninth letter : I'm the most abundant element in the air you breathe : N

-For the tenth letter : Clemens Winkler gave me this name in honor of his homeland. You only have to use my 1st letter : G

-For the eleventh letter : In the periodic table, I'm juste before the symbol of an element whose oxide is used as a diamond imitation : Y